

GILA RIVER BASIN

09512450 AGUA FRIA RIVER NEAR HUMBOLDT, AZ

LOCATION--Lat 34°29'07", long 112°14'15", in SW_{1/4}NW_{1/4} sec. 22, T.16 N., R.1 E., Yavapai County, Hydrologic Unit 15070102, on right bank 0.9 mi southeast from Humboldt.

DRAINAGE AREA--Undetermined.

PERIOD OF RECORD--Jan. 2000 to current year.

GAGE--Water-stage recorder and crest-stage gage. Elevation of gage is 4,400 ft above sea level, from topographic map.

REMARKS--Records fair except for estimated daily discharges, which are poor. No diversion upstream from station.

EXTREMES FOR PERIOD OF RECORD--Maximum discharge, 11,900 ft³/s, based on an extension of the rating curve, Sept. 8, 2002 at 1815, gage height 15.18 ft; minimum daily discharge, no flow for many days.

EXTREMES FOR CURRENT YEAR--Peak discharges greater than base discharge of 1,000 ft³/s and maximum (*):

Date	Time	Discharge (ft ³ /s)	Gage height (ft)
Aug. 21	1730	*545	*7.98

Minimum daily discharge, no flow for many days.

DISCHARGE, CUBIC FEET PER SECOND, WATER YEAR OCTOBER 2002 TO SEPTEMBER 2003
DAILY MEAN VALUES

DAY	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	e1.0	2.0	2.1	2.1	2.2	2.6	2.0	1.5	0.35	0.03	0.53	1.3
2	e1.0	2.0	2.1	2.1	2.2	2.5	1.8	1.4	0.24	0.02	0.50	1.3
3	1.0	2.0	2.1	2.1	2.3	2.5	1.8	1.3	0.24	0.01	0.49	1.2
4	1.1	2.0	2.1	2.1	2.2	2.4	1.7	1.3	0.22	0.01	0.41	1.2
5	1.1	2.0	2.0	2.1	2.2	2.4	1.6	1.3	0.17	0.00	0.32	1.2
6	1.0	2.0	2.0	2.1	2.1	2.4	1.6	1.4	0.18	0.00	0.30	2.6
7	1.1	2.0	2.1	2.1	2.1	2.4	1.5	1.3	0.19	0.00	0.32	2.6
8	1.1	2.0	2.1	2.2	2.1	2.4	1.5	1.4	0.24	0.00	0.35	1.7
9	1.2	2.1	2.1	2.2	2.1	2.3	1.6	1.4	0.23	0.00	4.6	3.9
10	1.1	2.1	2.1	2.1	2.3	2.3	1.7	1.7	0.28	0.00	0.59	2.0
11	1.2	2.0	2.1	2.2	2.2	2.3	1.7	1.8	0.35	0.00	0.45	1.7
12	1.3	2.0	2.1	2.1	2.1	2.4	1.8	1.9	0.36	0.00	0.40	1.6
13	1.2	2.0	2.1	2.1	22	2.4	1.8	2.0	0.37	0.00	0.35	1.6
14	1.3	2.0	2.1	2.1	8.9	2.4	1.8	2.0	0.31	0.00	0.52	1.5
15	1.3	2.0	2.1	2.1	2.7	2.4	2.0	1.8	0.18	0.00	17	1.5
16	1.2	2.0	2.1	2.2	2.5	2.5	1.8	1.7	0.19	0.00	0.53	1.5
17	1.2	2.0	2.1	2.2	2.5	2.4	1.8	1.5	0.19	0.00	0.32	1.5
18	1.2	2.0	2.1	2.2	2.5	2.4	1.8	1.3	0.17	0.00	0.23	1.5
19	1.2	2.0	2.1	2.2	2.6	2.4	1.7	1.2	0.19	0.00	0.25	1.5
20	1.2	2.0	2.1	2.2	2.6	2.4	1.5	1.1	0.38	0.00	0.26	1.5
21	1.2	2.0	2.1	2.2	2.6	2.4	1.4	0.96	0.16	0.00	39	1.5
22	1.2	2.0	2.1	2.1	2.5	2.3	1.4	0.91	0.06	0.00	2.5	1.5
23	1.3	2.0	2.1	2.2	2.5	2.3	1.3	0.92	0.02	0.00	1.1	1.5
24	1.1	2.0	2.1	2.1	2.5	2.3	1.3	0.89	0.01	0.00	1.1	1.6
25	1.1	2.1	2.1	2.1	4.3	2.3	1.3	0.86	0.00	0.00	1.1	1.6
26	1.3	2.1	2.1	2.1	4.4	2.3	1.2	0.80	0.20	0.00	1.1	1.5
27	2.2	2.1	2.1	2.1	2.6	2.3	1.2	0.72	0.20	7.7	1.5	1.5
28	1.9	2.1	2.1	2.1	2.6	2.2	1.2	0.90	0.12	2.8	2.7	1.5
29	1.9	2.1	2.1	2.1	---	2.2	1.4	0.44	0.06	2.0	1.5	1.4
30	2.0	2.1	2.1	2.1	---	2.2	1.5	0.39	0.04	0.83	1.4	1.4
31	2.0	---	2.1	2.2	---	2.1	---	0.42	---	0.35	1.3	---
TOTAL	40.2	60.8	64.9	66.2	96.4	73.1	47.7	38.51	5.90	13.75	83.02	72.8
MEAN	1.30	2.03	2.09	2.14	3.44	2.36	1.59	1.24	0.20	0.44	2.68	2.43
MAX	2.2	2.1	2.1	2.2	.22	2.6	2.0	2.0	0.38	7.7	39	26
MIN	1.0	2.0	2.0	2.1	2.1	2.1	1.2	0.39	0.00	0.00	0.23	1.2
MED	1.2	2.0	2.1	2.1	2.5	2.4	1.6	1.3	0.19	0.00	0.53	1.5
AC-FT	80	121	129	131	191	145	95	76	12	27	165	144

CAL YR 2002 TOTAL 1690.52 MEAN 4.63 MAX 687 MIN 0.00 MED 1.6 AC-FT 3350
WTR YR 2003 TOTAL 663.28 MEAN 1.82 MAX 39 MIN 0.00 MED 1.8 AC-FT 1320

e Estimated